

Ministry of Health of the Kyrgyz Republic
Ministry of Education and Science of the Kyrgyz Republic
I.K. Akhunbaev Kyrgyz State Medical Academy

COMPETENCIES CATALOG

Higher education institution graduate with specialty 560001 “General Medicine”

PRE-GRADUATE LEVEL

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EXPLANATORY NOTE

According to the State Educational Standard for Higher Professional Education, a graduate must master the following types of activities:

- preventive;
- diagnostic;
- therapeutic;
- rehabilitation;
- psychological and pedagogical;
- organizational and managerial;
- scientific and research.

This catalog defines tasks corresponding to the listed types of activities.

Based on this **task catalog**:

- *are determined*:

- purpose and content of pre-graduate training for a general practitioner;
- level of competencies, knowledge and skills of a general practitioner;

- *are being developed*:

- general practitioner training programs;
- criteria for assessing the quality of training of students and doctors at various stages of training;
- standard requirements for certification of general practitioners;
- standards for examination, treatment, rehabilitation, and observation of patients;

- *are organized*:

- educational process;
- professional guidance for applicants to medical universities applicants;

- *is carried out*:

- certification of graduates.

For practical convenience, the tasks are distributed in the catalog as follows:

Chapter 1. General objectives

Chapter 2. Disciplinary objectives - clinical conditions/nosology

Chapter 3. Medical manipulations.

Chapter 1 “General objectives” lists the general and special competencies that a graduate must master (in accordance with the State educational standard for higher professional education in specialty 560001 “General Medicine”).

Chapter 2 “Disciplinary objectives” presents tasks by discipline. Each discipline has a “**Clinical Conditions/Nosology**” block, which includes a list of diseases/pathological conditions that a graduate must be able to diagnose and/or treat.

	Level 1	Level 2
Clinical Conditions/ Nosology	<p><i>The graduate is capable and ready to independently:</i></p> <ul style="list-style-type: none"> – draw up a plan of diagnostic measures; – make a clinical diagnosis; – carry out basic therapeutic measures; – carry out the necessary rehabilitation and preventive measures for patients of all age groups. 	<p><i>The graduate is capable and ready:</i></p> <ul style="list-style-type: none"> - make a preliminary diagnosis; - refer for consultation to the appropriate specialist; - monitor prescribed therapy and carry out preventive and rehabilitation measures after verification of the diagnosis by a specialist.

Diseases/pathological conditions are presented in groups according to disciplines:

1. Internal diseases

- Therapy (including family medicine)
- Occupational diseases
- Military field therapy/Extreme medicine
- Infectious diseases
- Tuberculosis
- Diseases of the nervous system
- Mental and behavioral disorders
- Skin and venereal diseases
- Palliative care and gerontology

2. Surgical diseases

- Surgery
- Urology
- Traumatology and orthopedics (diseases of children and adults)
- Eye diseases
- Diseases of the ear, throat, nose
- Oncology
- Children’s surgical diseases

3. Obstetrics and gynecology

- Obstetrics
- Gynecology

4. Children’s diseases

- Children’s infectious diseases

5. Dentistry

6. Emergency conditions

Chapter 3“Medical manipulations” lists the manipulations that a graduate must be familiar with and/or proficient in to varying degrees.

To describe the degree of proficiency in a skill that a graduate must possess, the following gradation of levels is used:

	Level 1	Level 2
Medical manipulations	<p><i>The graduate:</i></p> <ul style="list-style-type: none"> – knows the correct technique for performing manipulations - has sufficient experience in performing manipulations on patients of all age categories, except newborns. 	<p><i>The graduate:</i></p> <ul style="list-style-type: none"> – knows how to perform manipulations under the supervision of a mentor - has experience performing manipulations on a dummy/simulator

All medical procedures are conditionally combined into the following groups:

- general manipulations (questioning or collecting a patient’s medical history, information management, physical examination)
- surgical procedures,
- manipulation in obstetrics and gynecology
 - manipulations to provide emergency care.

CHAPTER 1: GENERAL OBJECTIVES

General objectives can be formulated in the form of *general* and *special* (professional) competencies. Special competencies are distributed according to the type of professional activity of a doctor.

1. General competencies	
GC-1	is able and ready to analyze socially significant problems and processes, use methods of natural sciences, mathematics and humanities in various types of professional and social activities;
GC-2	is able and ready to analyze significant political events and trends, to master the basic concepts and patterns of the world historical process, to respect and take care of the historical heritage and traditions, to evaluate state policy, to form a civic position;
GC-3	is able and ready to collect, process and interpret, using modern information technologies, the data necessary to form judgments on relevant social, scientific and ethical issues;
GC-4	is able and ready to work in a team, tolerantly perceive social, ethnic, religious and cultural differences.
2. Instrumental competencies	
IC-1	is able and ready to work with computer hardware and software for system and application purposes to solve professional problems;
IC-2	is able and willing to use information, bibliographic resources and information and communication technologies, taking into account basic requirements information security;
IC-3	is able and ready for written and oral communication in the state language and official languages, able to master one of the foreign languages to solve professional problems;
IC-4	is able and ready to use management techniques; organize the work of performers; find and make responsible management decisions in the face of different opinions and within the framework of their professional competence.
3. Social, personal and general cultural competencies	
SPC-1	is able and ready to implement ethical, deontological and bioethical principles in professional activities;
SPC-2	is able and ready to master the techniques of professional communication; build interpersonal relationships, work in a group, constructively resolve conflict situations, tolerate social, ethnic, religious and cultural differences;
SPC-3	is able and ready for continuous professional development, self-knowledge, self-development, self-actualization; manage your time, plan and organize your activities, build a strategy for personal and professional development and training;
SPC-4	is able and ready to carry out its activities taking into account moral and legal norms accepted in society, comply with laws and regulations on working with confidential information, bear social and ethical responsibility for decisions made;
SPC-5	is able and ready for logical and reasoned analysis, for public speech, conducting discussions and polemics, for carrying out educational and educational activities, for cooperation.
4. Professional competencies	

4.1 . General professional competencies	
PC-1	is able and willing to comply with the rules of medical ethics, laws and regulations on working with confidential information, and maintain medical confidentiality
PC-2	is able and ready to analyze the results of his own activities to prevent medical errors, while being aware of disciplinary, administrative, civil, and criminal liability;
PC-3	is able and ready to analyze socially significant problems and processes, use methods of economic relations in the healthcare system;
PC-4	is able and ready to conduct a pathophysiological analysis of clinical syndromes, to substantiate pathogenetically justified methods (principles) of diagnosis, treatment, rehabilitation and prevention among the population, taking into account age and sex groups;
PC-5	is able and ready to conduct and interpret a survey, physical examination, clinical examination, results of modern laboratory and instrumental studies, write a medical record of an outpatient and inpatient adult and child;
PC-6	is able and ready to apply aseptic and antiseptic methods, use medical instruments, and master patient care techniques;
PC-7	is able and ready to work with medical and technical equipment used in working with patients, to apply the capabilities of modern information technologies to solve professional problems;
PC-8	is able and ready to apply modern information on population health indicators at the level of medical and preventive institutions;
PC-9	is able and ready to know the basic issues and conduct examinations of working capacity (temporary) and prevention of disability among adults and children.
4.2 . Preventive activity	
PC-10	is able and ready to carry out preventive measures to prevent infectious, parasitic and non-infectious diseases;
PC-11	is able and ready to carry out sanitary educational work among the population to eliminate modified risk factors for the development of diseases, and give recommendations on healthy eating;
PC-12	is able and ready to select individuals for observation, taking into account the results of mass tuberculin diagnostics and fluorographic examination, to evaluate the results for the purpose of early detection of tuberculosis;
PC-13	is able and ready to carry out anti-epidemic measures, protect the population in hotbeds of especially dangerous infections, in case of deterioration of the radiation situation and natural disasters and other emergency situations.
4.3.Diagnostic activity	
PC-14	is able and ready to make a diagnosis based on the results of biochemical and clinical studies, taking into account the course of pathology in organs, systems and the body as a whole;
PC-15	is able and ready to analyze the patterns of functioning of individual organs and systems, use knowledge of anatomical and physiological characteristics, basic methods of clinical and laboratory examination and assessment of the functional state of the

	body of an adult and children, for timely diagnosis of diseases and pathological processes;
PC-16	is able and ready to use an algorithm for making a diagnosis (main, concomitant, complications) taking into account the ICD, carry out basic diagnostic measures to identify emergency and life-threatening conditions.
4.4. Medical activity	
PC-17	is able and ready to carry out basic treatment measures for the most common diseases and conditions in adults and children in outpatient and inpatient settings;
PC-18	is able and ready to provide medical care for acute diseases, conditions, exacerbation of chronic diseases that are not accompanied by a threat to the patient's life and do not require emergency medical care;
PC-19	is able and ready to provide first aid in the event of emergency and life-threatening conditions, to refer patients for hospitalization on a planned and emergency basis;
PC-20	is able and ready to provide medical assistance in emergency situations, including those requiring medical evacuation;
PC-21	is able and ready to manage physiological pregnancy and deliver birth;
4.5. Rehabilitation activity	
PC-22	is able and ready to apply rehabilitation measures (medical, social and professional) among the population for the most common pathological conditions and injuries of the body;
PC-23	is able and ready to give recommendations on the choice of regimen, determine indications and contraindications for prescribing physical therapy, physiotherapy, non-drug therapy, use the main resort factors in the treatment of adults and children.
4.6. Educational activity	
PC-24	is able and ready to train nursing and junior medical personnel in the rules of sanitary and hygienic regime, ethical and deontological principles;
PC-25	is able and ready to train the population in basic hygiene measures and educational activities to develop healthy lifestyle skills.
4.7. Organizational and management activity	
PC-26	is able and ready to use regulatory documentation adopted in the healthcare of the Kyrgyz Republic, as well as used in international practical medicine;
PC-27	is able and ready to use knowledge of the structure of healthcare organizations, the referral and redirection system;
PC-28	is able and ready to ensure the rational organization of work of mid-level and junior medical personnel of medical institutions;
PC-29	is able and ready to assess the quality of medical care using basic medical and statistical indicators;
PC-30	is able and ready to organize medical assistance in emergency situations, including medical evacuation.
4.8. Scientific research activity	

PC-31	is able and ready to analyze and publicly present medical information based on evidence-based medicine;
PC-32	is able and ready to plan and conduct scientific research;
PC-33	is able and ready to introduce new methods and techniques aimed at protecting public health.

CHAPTER 2: DISCIPLINARY OBJECTIVES – CLINICAL CONDITIONS

CLINICAL CONDITIONS/NOSOLOGY	Level
2.1. INTERNAL DISEASES	
2.1.1. THERAPY (INCLUDING FAMILY MEDICINE)	
A. RESPIRATORY DISEASES	
Acute respiratory infections	1
Pneumonia	1
Bronchial asthma	1
Simple bronchitis, acute and chronic	1
Chronic obstructive pulmonary disease	1
Bronchiectasis	1
Emphysema	1
Chronic respiratory failure	1
Tobacco addiction	1
Disseminated lung diseases	2
Pulmonary hypertension, cor pulmonale	2
Pulmonary embolism	2
Pleurisy, dry and exudative	2
B. CARDIOVASCULAR DISEASES	
Atherosclerosis and hyperlipidemia	1
Coronary heart disease. Angina pectoris stable	1
Acute coronary syndrome. Unstable angina	1
Acute coronary syndrome. Acute myocardial infarction	1
Hypertonic disease. Hypertensive crises	1
Symptomatic arterial hypertension	2
Acute rheumatic fever	1
Mitral and aortic valvular heart disease	1
Infectious myocarditis	2
Infective endocarditis	2
Pericarditis	2
Cardiomyopathies	2
Rhythm and conduction disorders (arrhythmias, blockades)	2
Chronic heart failure	1
Cardiovascular disorders in metabolic syndrome	2
Hypotension	2
C. GASTROINTESTINAL DISEASES	
Functional diseases of the esophagus	2
Functional dyspepsia	2
Gastroesophageal reflux disease	1
Peptic ulcer of the esophagus	2
Chronic gastritis	1
Peptic ulcer of the stomach and duodenum	1
Non-alcoholic fatty liver disease	2
Toxic liver disease	2

Chronic hepatitis	2
Cirrhosis of the liver	2
Functional disorders of the gallbladder and sphincter of Oddi	1
Chronic cholecystitis, non-calculous and calculous	1
Cholangitis	2
Chronic pancreatitis	2
Functional bowel diseases. Irritable bowel syndrome.	2
GutBacterialOvergrowthSyndrome	2
Ulcerative colitis	2
Crohn's disease	2
D. URINARY TRACT DISEASES	
Glomerulonephritis, acute and chronic	2
Pyelonephritis, acuteandchronic	1
Kidney amyloidosis	2
Nephrotic syndrome	2
Acute kidney disease	2
Toxic nephropathy	2
Chronic kidney disease	2
E. HEMATOLOGICAL DISEASES	
Posthemorrhagic anemia (acute and chronic)	1
Iron deficiency and hypochromic anemia	1
Vitamin B12 deficiencyand Folic acid deficiencyanemia	1
Hemolytic anemia (hereditary and acquired)	2
Aplastic anemia	2
Hemorrhagic diathesis: primary immune thrombocytopenia, thrombocytopathies, hemophilia A and B, von Willebrand's disease	2
Leukemia, acuteandchronic	2
Erythremiaanderythrocytosis	2
Myeloma/multiplemyeloma	2
Chroniclymphocyticleukemia	2
Chronicmyeloidleukemia	2
Agranulocytosis (myelotoxic, immune, haptens). Cytostatic disease	2
Hemorrhagic vasculitis	2
Thrombophilia	2
Thrombocythemia	2
Anemia of chronic disease	2
Anomalies of spleen development, hypersplenism	2
F. ENDOCRINE DISEASES AND METABOLIC DISORDERS	
Diabetes mellitus	1
Iodine deficiency conditions and endemic goiter, nodular goiter	1
Hypothyroidism	1
Diffusetoxicgoiter	1
Thyroiditis	1
Hypoparathyroidism, hyperparathyroidism	1
Diseases of the adrenal glands (Addison's disease, pheochromocytoma)	2
Itsenko-Cushing's disease and syndrome	2
Diabetes insipidus	2
Acromegaly, gigantism, hyperprolactinemia	2
Obesity, metabolic syndrome	2

G. DISEASES OF JOINTS AND CONNECTIVE TISSUE	
Rheumatoid arthritis	1
Osteoarthritis	1
Osteoporosis	1
Gout	1
Ankylosing spondylitis	2
Reactive arthritis	2
Systemic lupus erythematosus	2
Systemic scleroderma	2
Dermatomyositis / Polymyositis	2
Systemic vasculitis	2
Mixed connective tissue disease	2
Drug disease	2
H. HIGH ALTITUDE DISEASES	
Acute mountain sickness	2
2.1.2. OCCUPATIONAL DISEASES	
Pneumoconiosis	2
Silicosis. Silicotuberculosis	2
COPD of occupational etiology	2
Occupational bronchial asthma	2
Lead toxicity	2
Metallic mercury intoxication	2
Vibration disease	2
Benzene intoxication	2
Occupational intoxication with organophosphorus compounds of pesticides	2
2.1.3. MILITARY FIELD THERAPY/ EXTREME MEDICINE	
Radiation injuries: Acute radiation sickness. Chronic radiation sickness	2
Long-term crush syndrome	2
Diseases of internal organs caused by shock waves	2
Diseases of internal organs due to gunshot wounds	2
2.1.4. INFECTIOUS DISEASES	
A. INTESTINAL INFECTIONS AND PARASITOSIS	
Typhoid and paratyphoid diseases	2
Foodborne illnesses	1
Botulism	2
Dysentery	1
Protozoal colitis	2
Cholera	2
Helminthiasis	1
B. VIRAL HEPATITIS	
Hepatitis A	1
Hepatitis B	2
Hepatitis C	2
Hepatitis D	2
Hepatitis E	2
C. ZOONOTIC INFECTIONS	
Brucellosis	1

Leptospirosis	2
Yersinia infection	2
Psittacosis	2
Q fever	2
Anthrax	2
Plague	2
D. AIR DROPLE INFECTIONS	
ARVI (flu, coronavirus infection, etc.)	1
Herpetic infection	1
Enterovirus infection	1
Meningococcal infection	2
E. BLOOD BOROUGH INFECTIONS	
Epidemic typhus. Brill's disease	2
Tick-borne rickettsiosis (North Asian)	2
Tick-borne encephalitis	2
Malaria	2
Leishmaniasis	2
Hemorrhagic fevers	2
F. OTHER INFECTIOUS DISEASES	
Erysipelas	1
Tetanus	2
Rabies	2
HIV infection	2
2.1.5. TUBERCULOSIS	
Latent tuberculosis infection	2
Pulmonary tuberculosis (all clinical forms)	1
Extrapulmonary tuberculosis	2
Tuberculosis in special cases (in combination with HIV infection, etc.)	2
2.1.6. DISEASES OF THE NERVOUS SYSTEM	
Transient cerebrovascular accidents	1
Ischemic strokes	2
Hemorrhagic strokes	2
Encephalopathies of various etiologies	2
Neuritis	2
Polyneuropathy	2
Radiculitis, sciatica	2
Plexitis, natal plexitis	2
Hydrocephalus	2
Epilepsy, convulsive conditions	2
Spastic cerebral palsy	2
Syringomyelia	2
Myasthenia gravis	2
Multiple sclerosis	2
Leukoencephalitis	2
Amyotrophic lateral sclerosis	2
Parkinson's disease and syndrome	2
Strumpel's disease	2
Myodystrophies	2
Hepatocerebral degeneration	2

Torsion dystonia	2
Essential tremor	2
Huntington's chorea	2
Hereditary ataxias	2
Migraine	1
Cluster headache	1
Tension headache	1
Diencephalic hypothalamic syndrome	2
Brain concussion	1
Brain tumors	2
Vascular abnormalities of the brain	2
Brain abscesses	2
Epiduritan epidural abscess	2
Open and closed craniocerebral injuries	2
Spinal cord injuries	2
Parasitic diseases of the brain. Echinococcosis. Cysticercosis. Toxoplasmosis.	2
2.1.7. MENTAL AND BEHAVIORAL DISORDERS	
Dementia	2
Substance use disorders (acute intoxication, withdrawal syndrome)	2
Acute psychotic disorders	2
Chronic psychotic disorders	2
Depression – moderate	1
Depression – Severe	2
Anxiety-phobic disorders	2
Generalized anxiety disorder	1
Panic disorder	1
Reaction to severe stress and adaptation disorders	2
Somatoform disorders	1
Dissociative disorders	2
Eating behavior disorders	2
Sleep disorders of an inorganic nature	2
Sexual dysfunctions	2
Personality disorders	2
Pathological gambling addiction	2
Mental retardation	2
Behavioral disorders and hyperkinetic disorder	2
Enuresis	2
2.1.8. SKIN AND VENEREAL DISEASES	
A. NON-INFECTIOUS SKIN DISEASES	
Dermatitises	1
Toxicodermias	2
Eczema	2
Atopic dermatitis	1
Prurigo (children's, adult, nodular)	1

Skin itching	1
Urticaria	1
Psoriasis	2
Red plane lichen	2
Pink lichen	2
Vesicular dermatoses (pemphigus, Duhring's disease)	2
Seborrhea	2
Rosacea	2
Acne vulgaris	2
Alopecias (androgenetic, areata, telogen)	2
Diseases of the nail plates (onychodystrophias)	2
Lupus erythematosus, scleroderma, dermatomyositis (skin manifestations)	2
B. INFECTIOUS SKIN DISEASES	
Viral warts (vulgar, planar, plantar, anogenital)	2
Molluscum contagiosum	1
Herpes simplex	1
Herpes zoster	2
Pediculosis	1
Scabies	1
Fungal skin diseases	1
Pyodermias	1
Lepra	2
Leishmaniasis	2
C. VENEREAL DISEASES	
Syphilis	2
Gonorrhea	1
Trichomoniasis	1
Chlamydial, mycoplasmal infection	1
Bacterial vaginosis	1
Soft chancre	2
2.1.9. PALLIATIVE CARE AND GERONTOLOGY	
Palliative care for seriously ill patients with various diseases	1
Gerontology	1
2.2. SURGICAL DISEASES	
2.2.1. SURGERY	
A. GASTROINTESTINAL DISEASES	
Acute appendicitis	2
Complicated forms of gastric and duodenal ulcer	2
Post-gastroresection syndrome	2
Post-vagotomy syndrome	2
Acute cholecystitis. Cholelithiasis	2
Post-cholecystectomy syndrome	2
Acute pancreatitis, cysts and fistulas of the pancreas	2
Peritonitis	2
Diseases of the esophagus (post-burn strictures of the esophagus, foreign bodies, achalasia of the cardia, GERD, diverticulas)	2

Parasitic liver diseases (echinococcosis, alveococcosis)	2
Portal hypertension surgery	2
Nonparasitic liver cysts, abscesses	2
Surgical diseases of the small intestine	2
Surgical diseases of the large intestine	2
Acute intestinal obstruction	2
Gastrointestinal fistulas	2
Abdominal hernias	2
Diseases of the spleen	2
B. CARDIOVASCULAR DISEASES	
Acute arterial obstruction, embolism	2
Pulmonary thromboembolism	2
Thrombosis of mesenteric vessels, vessels of extremities	2
Atherosclerosis of blood vessels, obliterating endarteritis	2
Varicose veins of lower extremities	2
Phlebitis, thrombophlebitis	2
Diabetic angiopathy of the lower extremities	2
C. RESPIRATORY DISEASES	
Open, closed, valve pneumothorax	2
Pyopneumothorax	2
Abscesses, gangrene of the lungs	2
Pleurisy (purulent pleurisy, empyema of the pleura)	2
Parasitic lung lesions	2
Acute purulent mediastinitis	2
Mediastinal cysts	2
D. ENDOCRINE DISEASES	
Purulent-inflammatory diseases of the thyroid gland	2
Goiter	2
Morbid obesity	2
Diseases of the adrenal glands	2
E. PURULENT DISEASES, WOUND INFECTION	
Furuncle	1
Carbuncle	1
Abscess	1
Phlegmon	1
Panaricius, paronychiis	1
Hydradenitis	1
Lymphadenitis	2
Sepsis	2
Gangenes	2
Erysipelas	2
F. DISEASES OF MAMMARY GLAND	
Mastitis	2
Mastopathy	2
G. DISEASES OF THE RECTUM	
Hemorrhoid	2
Fissure of the anus	2
Prolapse of the rectum	2
Paraproctitis	2

Pararectal fistula	2
Polyps of the rectum	2
Epithelial coccygeal passage (dermoid cyst)	2
Perianal condylomas and benign formations of the perianal area	2
H. OTHER SURGICAL DISEASES	
Benign neoplasms of the skin and subcutaneous tissue	1
Burns	2
Ingrown nail	2
2.2.2. UROLOGY	
Acute kidney disease	2
Urolithiasis	2
Toxic kidney damages	2
Cystitis, acute and chronic	1
Urethritis	1
Congenital abnormalities of the kidneys and urinary tract	2
Hypertrophy of the foreskin, phimosis, paraphimosis	2
Enuresis	2
Prostatitis	2
Benign prostatic hyperplasia	2
Male infertility	2
Erectile dysfunction	2
2.2.3. TRAUMATOLOGY AND ORTHOPEDICS (DISEASES OF CHILDREN AND ADULTS)	
Bruises	1
Wounds	1
Fractures, fissures	2
Dislocations	2
Osteochondropathies	1
Congenital club foot	2
Congenital dislocation of the hip	2
Flat feet	2
Myogenic torticollis	2
Scoliosis, kyphosis of the spine	2
2.2.4. EYE DISEASES	
Conjunctivitis	1
Blepharitis	2
Dacryoadenitis, dacryocystitis	2
Keratitis	2
Sty	1
A foreign body of the eye	1
Glaucoma	2
Myopia	2
Hypermetropia	1
Presbyopia	2
Strabismus	2
Cataract	2

2.2.5. DISEASES OF THE EAR, THROAT, NOSE

Rhinitis	1
Sinusitis	2
Pharyngitis, laryngitis, tracheitis	1
Angina, chronic tonsillitis	1
Polyposis of the upper respiratory tract	2
External otitis, otitis media	2
A foreign body of the external auditory canal, nasal cavity	2
Sulfur plug	1
Hypacusia	2

2.2.6. ONCOLOGICAL DISEASES

Thyroid cancer	2
Cancer of the tongue, oral mucosa, lower lip	2
Cancer of the parotid salivary gland, small salivary glands	2
Malignant neoplasms of the upper jaw	2
Nasopharyngeal cancer	2
Laryngeal cancer	2
Skin cancer	2
Melanoma	2
Hodgkin's disease	2
Non-Hodgkin's lymphomas	2
Tumors of bones and soft tissues	2
Lung cancer	2
Esophageal cancer	2
Stomach cancer	2
Cancer of the segmented and small intestine	2
Rectal cancer	2
Cancer of the liver and biliary tract	2
Cancer of the pancreatic and Vater's papilla	2
Carcinoid tumors	2
Mammary gland cancer	2
Trophoblastic disease	2
Cervical cancer	2
Cancer of the uterine body	2
Ovarian cancer	2
Vulvar cancer	2
Vaginal cancer	2
Kidney cancer	2
Urinary bladder cancer	2
Prostate cancer	2
Testicular cancer and penile cancer	2

2.2.7.CHILDREN'S SURGICAL DISEASES	
A. ACUTE ABDOMEN	
Acute appendicitis	2
Perforated stomach ulcer	2
Gastrointestinal bleedings	2
Peritonitises in newborns and older children	2
Nonspecific ulcerative-necrotic colitis	2
B. PURULENT DISEASES, WOUND INFECTION	
Purulent-inflammatory diseases of soft tissues and bones in children	2
Sepsis, acute bacterial destructions of the lungs	2
C. TRAUMAS	
Damages to tubular bones	2
Chest damages	2
Craniocerebral trauma	2
Soft tissue damages	2
Birth damages	2
D. DISEASES OF THE RECTUM	
Hemorrhoid	2
Anal fissures	2
Paraproctites	2
Polyps of the rectum	2
E. CONGENITAL DEVELOPMENTAL MALFORMATIONS	
Anorectal congenital diseases	2
Congenital anomalies of the large and small intestine	2
Congenital anomalies of the trachea, bronchi and lungs	2
Pathologies of the vaginal peritoneum appendix	2
Congenital anomalies of the vascular system	2
Congenital anomalies of the esophagus	2
F. SURGICAL DISEASES OF THE CENTRAL NERVOUS SYSTEM IN CHILDREN	
Cerebral hernias	2
Hydrocephalias	2
Craniostenosis	2
2.3. OBSTETRICS AND GYNECOLOGY	
2.3.1. OBSTETRICS	
Physiological childbirth	2
Postnatal period	2
Pelvic presentation	2
Multiple pregnancy	2
Polyhydramnios, oligoamnios	2
Spontaneous abortion (miscarriage)	2
Premature birth	2

Postponed pregnancy	2
Anomalies of labor activity	2
Vomiting of pregnant women	1
Preeclampsia and eclampsia	2
Fetal hypoxia	2
Placental presentation	2
Premature detachment of a normally located placenta	2
Bleeding in the postnatal and early postnatal period	2
Anatomical narrow pelvis	2
Clinical narrow pelvis	2
Birth traumatism	2
Postnatal endometritis	2
Lactostasis	1
Extragenital pathology at pregnancy	2
The transverse position of the fetus	2
2.3.2. GYNECOLOGY	
Endometritis, salpingoophoritis	1
Infected abortion, out-of-hospital abortion	2
Ectopic pregnancy	2
Colpitis, vulvovaginitis of nonspecific and specific etiology	1
Bartholinium gland abscess	2
Purulent tuboovarian formations	2
Ovarian apoplexy	2
Abnormal uterine bleedings	2
Amenorrhea	2
Premenstrual syndrome	2
Adrenogenital syndrome	2
Polycystic ovary syndrome	2
Infertility	2
Dysmenorrhea	2
Menopausal syndrome	2
Endometriosis	2
Uterine myoma	2
Background diseases of the cervix and vulva	2
Benign cyst, cystomas of ovaries	2
Prolapse of the genital organs	2
Disorders of sexual development	2
Congenital anomalies of the genital organs (uterus, vagina)	2
Cervical canal atresia	2
Intestinal-genital fistulas, genitourinary fistulas	2
Traumatic damages to the genitals	2
Synechias of the uterine cavity	2

2.4. PEDIATRICS

2.4.1. CHILDREN'S DISEASES

A. DISEASES OF NEWBORNS

Boundary states of newborns	1
Premature children	2
Intrauterine growth retardation	2
Hypoxia and asphyxia of newborns	2
Intracranial hemorrhages	2
Spinal birth traumas	2
Neonatal jaundices (conjugation, hemolytic, parenchymal)	2
Hemorrhagic disease of newborns	2
Embryo- and fetopathy of newborns	2
Pneumopathies of newborns	2
Pneumonias of newborns	2
Diseases of the skin, subcutaneous fat, umbilical cord and umbilical wound	2
Anemias of newborns	2
Endocrinopathies of newborns	2
Sepsis of newborns	2

B. DISEASES OF EARLY AGE

Rickets	1
Hypervitaminosis D	1
Spasmophilia	2
Exudative-catarrhal diathesis	1
Lymphatic-hypoplastic diathesis	2
Neuro-arthritic diathesis	2
Allergic diatheses	1
Nutrition disorders (acute, chronic)	1

C. RESPIRATORY DISEASES

Bronchitis (acute, recurrent, chronic)	1
Pneumonias	2
Bronchial asthma	2
Bronchiectatic disease	2
Bronchopulmonary dysplasia	2
Idiopathic pulmonary hemosiderosis	2
Cystic fibrosis (pulmonary form)	2
Idiopathic pulmonary hypertension	2

D. CARDIOVASCULAR DISEASES

Acute rheumatic fever	2
Congenital heart diseases	2
Myocarditises	2
Cardiomyopathies	2
Chronic heart failure	2
Myocardiodystrophies	2
Infectious endocarditis	2
Pericarditises	2

E. GASTROINTESTINAL DISEASES	
Gastritises and gastroduodenitises	1
Stomach and duodenal ulcer	2
Nonspecific ulcerative colitis	2
Pancreatitis, acute and chronic	2
Malabsorption syndrome in children (celiac disease, disaccharidase deficiency)	2
Functional diseases of the digestive system	1
F. DISEASES OF THE LIVER AND BILIARY TRACT	
Dyskinesias of the biliary tract and gallbladder	1
Cholecystitis, cholangitis, cholelithiasis	2
Chronic hepatitis	2
Cirrhosis of the liver	2
G. URINARY TRACT DISEASES	
Glomerulonephritis, acute and chronic	2
Nephrotic syndrome	2
Pyelonephritis, acute and chronic	1
Cystitis, acute and chronic	1
Acute kidney injury	2
Chronic kidney disease	2
Tubulopathies with skeletal abnormalities, polyuria, nephrolithiasis	2
Hereditary nephritis	2
Hemolytic-uremic syndrome	2
H. HEMATOLOGICAL DISEASES	
Iron-deficiency anemia	1
Protein-deficiency anemia	2
B ₁₂ -, folic acid-deficiency anemia	2
Hemolytic anemias (hereditary and acquired)	2
Aplastic anemias (hereditary, acquired)	2
Hemorrhagic vasculitis	2
Idiopathic thrombocytopenic purpura	2
Hemophilias	2
Hereditary thrombocytopathies	2
I. ENDOCRINE DISEASES	
Diabetes mellitus	2
Hypothyroidism (myxedema)	2
Diffuse toxic goiter	2
Endemic goiter	2
Diseases of the parathyroid glands, hypoparathyroidism and hyperparathyroidism	2
Obesity, metabolic syndrome	2
Adrenogenital syndrome	2
Chronic adrenal failure	2
Acute adrenal failure	2
Growth retardation associated with growth hormone deficiency	2
Pituitary gigantism	2
Acromegaly	2
Hypogonadism in boys and girls	2
Sexual precocity in boys and girls	2
Diabetes insipidus	2

J. DISEASES OF JOINTS AND CONNECTIVE TISSUE	
Systemic lupus erythematosus	2
Systemic scleroderma	2
Juvenile dermatomyositis	2
Juvenile rheumatoid arthritis	2
Systemic vasculites	2
Reactive arthritises	2
2.4.2. CHILDREN'S INFECTIOUS DISEASES	
A. ACUTE INTESTINAL INFECTIONS	
Dysentery	1
Salmonellosis	2
Escherichiosis	2
Staphylococcal infection	2
Acute intestinal infections caused by conditionally pathogenic enterobacteria	2
Viral diarrhea	2
Dehydration syndrome, toxicosis	2
B. ACUTE RESPIRATORY INFECTIONS	
Influenza in children	1
Parainfluenza in children	2
Adenovirus, rhinovirus, RS-infection	2
Enteroviral infection in children	2
Coronaviral infection in children	2
C. ACUTE VIRAL HEPATITIS	
Viral hepatitis with a fecal-oral transmission mechanism (A, E)	1
Viral hepatitis with parenteral transmission mechanism (B, C, D)	2
D. DROPLET INFECTIONS	
Scarlet fever	1
Measles	2
Rubella	2
Parvoviral infection B-19 in children	2
Chickenpox	1
Herpetic infections	1
Whooping cough, paracoccussis	2
Parotitis infection	1
Infectious mononucleosis	2
Diphtheria	2
Meningococcal infection and other acute bacterial meningitises	2
Poliomyelitis	2
Primary and secondary encephalitis (measles, rubella, varicella)	2
E. OTHER INFECTIOUS DISEASES	
HIV-infection in children	2
Helminthiases (ascariasis, enterobiosis, giardiasis)	1
Astro- and noroviral infection	2
Mycoplasmal and chlamydial infection	2
Post-vaccinal complications	2

2.5. STOMATOLOGICAL DISEASES	
Caries	2
Paradontosis	2
Gingivitis	2
Stomatitis	1
Glossitis	2
Purulent-inflammatory diseases of the maxillofacial area	2
Traumas of the maxillofacial area bones	2
Benign tumors and tumor-like formations of tissues of the maxillofacial area	2
2.6. EMERGENCY CONDITIONS	
EMERGENCY conditions in various clinical states	Level
Shock (anaphylactic, septic, traumatic, hemorrhagic, cardiogenic, etc.)	2
Collapse	2
Coma (anemic, hypoglycemic, ketoacidotic, hyperosmolar, lactic acidotic, primary cerebral, cerebral, hepatic, of unclear etiology, hypothyroid, etc.)	2
Thyrotoxic crisis	2
Hyperparathyroid crisis	2
Acute adrenal failure. Addison's crisis	2
Acute respiratory failure	2
Laryngeal edema, false croup	2
Bronchial asthma attack	1
Quincke's edema	1
Pulmonary thromboembolism	2
Thrombosis of mesenteric vessels, vessels of extremities	2
Acute heart failure	2
Primary circulatory arrest	1
Pulmonary edema	2
Acute myocardial infarction	2
Unstable angina pectoris	2
Hypertensive crisis of type 1	2
Hypertensive crisis of type 2	1
Cardiac arrhythmias and conduction disorders (paroxysm of atrial fibrillation and flutter, paroxysm of supraventricular and ventricular paroxysmal tachycardia, complete atrioventricular blockade)	2
Bleeding (gastrointestinal, nasal, uterine, pulmonary, post-traumatic, etc.)	1
DIC syndrome	2
Acute abdomen	2
Renal colic	2
Hematuria and excretory anuria	2
Phimosis, paraphimosis	2
Acute kidney disease	2
Acute hepatic failure	2
Concussion, bruising, compression of the brain	2
Brain stroke	2
Transient ischemic attack	2
Cerebral edema	2

Preeclampsia, eclampsia	2
Convulsive states	2
Myasthenic and cholinergic crises	2
Akinetic crisis	2
Spinal traumas	2
Epileptic status	2
Psychomotor agitation	2
Suicidal behavior	2
Acute stress reaction	2
Delirium	2
Abstinent syndrome	2
Panic attack	1
Acute attack of glaucoma	2
Chemical and thermal burns, frostbites	2
Electric shock, lightning stroke, heat and sun strokes	2
Poisonings	2
Drowning, suffocation	2
Bone fractures, dislocation	2
Wounds	1
Bruises, sprains	1
Peritonitis	2
Foreign bodies (of gastrointestinal tract, respiratory tract)	2
Sepsis	2
Exicosis in children, salt-losing form of adrenogenital syndrome	2
Asphyxia of newborns	2
Obstructive syndrome in children	1
Acute respiratory failure in children	2
Dyspnea-cyanotic attacks in children	2
Hemolytic crisis, hyperbilirubinemia at hemolytic disease of newborns	2
Hyperthermia in children	1
Blood transfusion reactions and complications	2
Priapism	2
Acute urinary retention	2

CHAPTER 3: MEDICAL MANIPULATIONS

3.1. GENERAL MANIPULATIONS	Level
A. QUESTIONING THE PATIENT. ANAMNESIS COLLECTION	
Collection of basic and additional complaints, assessment of the patient's perception of his/her problems	1
Assessment of the socio-economic status of the patient, cultural characteristics of the patient	1
Purposeful collection of anamnesis of the disease (asking about the history of this disease): the onset of the disease, the time of appearance and dynamics of symptoms; the ability to build a history of the disease in chronological order from the first symptoms to the moment of going to the doctor; the reason for going to the doctor	1
Life anamnesis collection (general information about the patient's life)	1
Collection of an allergological anamnesis	1
Collection of a medical (pharmacological) anamnesis	1
Collection of an epidemiological anamnesis	1
Collecting anamnesis from a third person	1
Understanding and responding to non-verbal signs	1
Collecting a psychiatric anamnesis	2
Communication and anamnesis collection from a patient with a serious illness or a dying patient	1
Communication and anamnesis collection in a patient with speech defects	2
Collecting a family anamnesis (drawing a family tree)	1
Collecting a professional anamnesis	2
Identification of harmful risk factors associated with patient behavior (smoking, inactive lifestyle, dietary errors, hygiene habits, etc.)	1
Collecting a drug anamnesis	2
B. PHYSICAL EXAMINATION	
Assessment of the general condition of the patient (appearance, position, nutrition, consciousness, mental state)	1
Assessment of vital functions of the organism (body temperature, frequency and type of respiration, pulse rate, arterial and venous pressure)	1
Documenting anthropometric data (height, body weight, BMI, circumference of head, waist, hip)	1
Examination of the skin and mucous membranes (signs of anemia, cyanosis, jaundice, edema, dehydration)	1
Determination of indications and contraindications for surgical intervention	1
Assessment of attention, thinking (form and content), perception, emotional and psychomotor behavior	1
Assessment of the ability to make decisions in a patient with cognitive impairment	2
Examination (forensic examination) of a patient under the influence of alcohol or a psychotic substance	2
Diagnosis of clinical death	1
Assessment of the time of death (cadaveric spots, rigor mortis, rectal temperature)	2

Examination of peripheral and central arterial pulsation, detection of arterial murmur	1
Examination of lymph nodes	1
Detailed description of the skin damage	1
Description of nails, scalp, visible mucous membranes	1
Definition of dermographism	1
Description of eye lids and eyelashes	1
Description of the upper eyelid with an inverted eyelid	2
Description of the eye slit width	2
Description of the conjunctiva, including the fornix	2
Description of the sclera and cornea during the fluorescein test	2
Determination of corneal sensitivity to touch	2
Description of the pupil, reaction to light and convergence	2
Description of the iris	2
Definition and description of nystagmus	2
Description of eye position and movement (corneal reflex)	2
Description of the optical disc and retinal vessels (the difference between a normal picture and a pathological one)	2
Examination and palpation of the auricle and the surrounding area (mastoid area)	1
Examination and palpation of the nose and face	1
Assessment of nasal obstruction and anterior rhinoscopy	2
Examination of the lips, oral region, oropharynx, as well as teeth, tongue, tongue root, pharyngeal arches, tonsils, examination of the excretory ducts of the parotid glands and submandibular glands	1
Palpation of the mouth bottom, cheeks, tonsils and tongue root	1
Examination and palpation of the parotid glands and submandibular glands	1
Assessment of voice and speech, detection of aphasia	2
External examination and palpation of the larynx	1
Examination, palpation and auscultation of the structures of the neck, thyroid gland, carotid arteries and lymph nodes	1
Palpation of the head and cervical spine, examination of mobility, tenderness and stiffness of the cervical spine	1
Examination of the form and mobility of the chest, examination of tenderness under pressure and/ or percussion	1
Examination of bones, joints and muscles of the shoulder girdle	1
Determination of the size of the chest excursion - examination, palpation, measurement of the chest circumference	1
Palpatory detection of vocal tremor	1
Percussion of the lungs, determination of the excursion of the lower edge of the lungs	1
Auscultation of the lungs	1
Determination of the apical impulse (of heart)	1
Defining of the cardiac dullness borders	1
Auscultation of the heart	1
Determination of peripheral vascular pulsation	1
Examination and palpation of mammary glands, including regional lymph nodes	1
Examination of the abdomen	1
Abdominal auscultation (intestinal noises)	1

Abdominal percussion (determining the size of the liver, spleen)	1
Palpation of the abdomen (abdominal wall, intestines, liver, spleen, abdominal aorta, kidneys, pancreas)	1
Detection of abdominal pain, symptom of peritoneal irritation, muscle protection	1
Definition of "splash noise"	1
Determination of tenderness in the kidney area	1
Examination of inguinal hernia by examination and palpation of hernial gates	1
External examination and palpation of the perianal area	1
Rectal examination in men (anus, rectum, prostate gland, sacral spine)	2
Examination and palpation of the penis and scrotum (testicles, appendages of the testicle, spermatic cord)	2
Examination and palpation of female external genitalia (vulva, perineum)	2
Examination of the spine, spinal mobility, paravertebral muscles, standing and lying on the back (kyphosis, scoliosis, Schober test)	1
Palpation, percussion, determination of spinal tenderness	1
Examination of ileosacral joints and pelvis (determination of mobility, tenderness, atrophy)	1
Examination of form, function, mobility, measurement of limb lengths and determination of upper limb tenderness (wrist and elbow joints, finger joints, etc.)	1
Examination of shape, function, mobility, measurement of limb lengths and determination of lower limb tenderness (ankle and knee joints, position, function, patellar relief)	1
Examination of the axis of the lower extremities (valgus and varus deformity of the knee joints)	2
Determination of the feet axis (hallux valgus and varus deformity of the feet)	2
Examination of the capillary pulse	1
Determination of arterial insufficiency, the Mashkovich method	2
Determination of varicose veins, Trendelenburg test, Perthes test	2
Determination of tendon reflexes (triceps, biceps, knee, elbow) and plantar reflex	1
Examination of cranial nerve function	2
Examination of passive muscle movements, examination of muscle tone, muscle strength, involuntary movements, determination of muscle mass, contracture, atrophy	2
Definition of complicated reflexes: abdominal, anal, mandibular, proboscis, gasping	2
Gait examination (normal gait, on socks, with a limp on one side)	1
Coordination examination (finger to nose, heel to shin, heel to toe, diadochokinesis)	1
The Romberg, Unterbergertest	1
Examination of tactile and pain sensitivity	1
Examination of temperature, vibration and positional sensitivity	2
Discriminatory sensitivity (stereognosia)	1
Definition of meningeal symptoms	1
Examination of radicular cervical and lumbar symptoms	2
Assessment of the degree disorder of consciousness	1
Examination of orientation in space and time	1
Memory examination	2
C. GENERAL SKILLS	
Bimanual examination: palpation of the vagina, cervix, uterus, ovaries (on a moulage)	1
Rectal examination in women: anus, rectum, palpation of the Douglas space, uterus (on a moulage)	1

Examination of a pregnant woman's abdomen	1
All types of injections, including intravenous drop infusions of liquids	1
Interpretation of the results of intracutaneous diagnostic (Mantoux test) and allergological tests	1
Determination of the suitability of blood for transfusion, transfusion of blood components (single and repeated transfusion of blood components), administration of serums	2
Determination of blood type and Rh factor by express method, determination of individual and biological compatibility of blood	2
Drop and jet transfusion of drugs and blood substitutes	2
EKG performing	1
EKG decoding	1
Interpretation of the results of the X-ray examination	2
Performing and interpreting of peak flowmetry	1
Interpretation of spirometry results	1
Interpretation of the blood test for hemoglobin, leukocytosis, ESR (complete blood count)	1
Urine collection technique for laboratory studies in children of all age groups and adults (diuresis measurement, common urine analysis, Nechiporenko, Addis-Kakovsky, Zimnitsky, Rehberg samples)	1
Interpretation of blood tests (serological, biochemical, etc.)	1
Treatment of the oral mucosa in children	1
Temperature measuring in children	1
Anthropometric measurements in children	1
Counting of the pulse and respiration in children	1
Assessment of stool in infants	1
Oral rehydration	1
Cleansing enemas in children	1
Instilling drugs into the eyes, nose, and ears in children and adults	1
Applying a bandage to the eyes	1
Applying of eye ointment	1
Ear washing	1
Applying proper hand washing techniques in the workplace	1
Preoperative preparation of the surgical area for minor surgical interventions, asepsis and antiseptics	1
Preparation for surgery (washing hands before surgery, putting on a sterile operating uniform, putting on sterile gloves)	1
Removal of surgical sutures (on a moulage)	1
Using and explaining to the patient the technique of using a metered-dose inhaler, spacer and nebulizer	1
Pulseoximetry	1
Taking pathological material to identify scabies mite, pathogenic fungi	1
Visual examination of the maxillofacial area and neck	1
Visual examination of the oral cavity	1
Assessment of newborn reflexes	2
Assessment of neuropsychiatric development in children	2
Assessment of vaccination status in children	2
Assessment of dangerous signs of the disease in a child	2
Umbilical cord rest care	2

Feeding of severe and premature babies through a tube	2
D. INFORMATION MANAGEMENT	
Formulation of a clinical question and search for its solution in the literature	1
Informing the patient and his relatives, colleagues and other health workers about the results of the examination	1
Communicating negative information to the patient and his family	2
Advising the patient to obtain informed consent	1
Documenting the results of the examination in the patient's medical history/outpatient card	1
Writing a staged, transferable and discharge (posthumous) epicrisis	1
Assessment of public health indicators	1
Consulting the patient on lifestyle-related issues (nutrition, physical activity, smoking, alcohol consumption, narcotic substances)	1
Registration of a prescription for a drug on the appropriate prescription form	1
Filling out a death certificate	2
The designation of the disease by a code in accordance with the current international classification of diseases	1
Work in accordance with current national protocols/guidelines	1
Counseling on contraception, including post-coital contraception	1
Counseling on methods of termination of pregnancy	1
3.2.SURGICAL MANIPULATIONS	
Biopsy of tumors and lymph nodes	2
Performing diagnostic and therapeutic punctures, paracentesis, laparocentesis, thoracocentesis	2
Probing of cavities, fistulas	2
Performing infiltrative local anesthesia, conduction, regional, vagosympathetic blockades	2
Primary surgical treatment of wounds, removal of sutures	1
Methods for the final stop of bleeding	1
Suturing the skin (on a moulage)	1
First aid for accidental, primary infected wounds	1
Treatment of burn surfaces, infected wounds	1
Performing simple wound bandages, making and flushing drains, passive drainage and establishing active aspiration	1
Bandages, application of soft bandages, splints	1
Dislocations reduction	2
Transport and therapeutic immobilization in case of fractures of the bones of the extremities, spine	2
Removal of superficially located foreign bodies	1
Removal of superficially located soft tissue tumors	1
Diagnosis of clean, contaminated and purulent wounds	2
Performing diagnostic and therapeutic manipulations for inflammatory infiltrates, abscess, phlegmon, panaritis, lymphadenitis, thrombophlebitis	1
Determination of the fluctuation symptom in purulent diseases	2
Opening of abscesses, panaritia, phlegmon	2
Ingrown toenail removal	2

Puncture cystostomy	2
Performing diagnostic and therapeutic manipulations at dry and moist gangrene	1
Performing diagnostic and therapeutic manipulations at bedsores	2
Performing diagnostic and therapeutic manipulations at external lip-shaped and tubular fistulas	2
Lumbar puncture	2
Anterior and posterior rhinoscopy, pharyngoscopy, laryngoscopy, otoscopy	2
Stopping nosebleeds: anterior nasal tamponade	1
Stopping nosebleeds: posterior nasal tamponade	2
Puncture of the maxillary sinus	2
Paracentesis of the tympanic membrane, tympanopuncture	2
Probing and flushing of tonsillar lacunas	1
Opening of a paratonsillar abscess	2
Administration of drugs into the larynx with a laryngeal syringe and through a nasal catheter	1
Audiometry	2
Examination of the external auditory canal and tympanic membrane using an otoscope	2
Determination of the passability of the auditory tube	2
Hearing research with whispered speech, spoken speech, tuning fork	1
Direct and reverse ophthalmoscopy	2
Definition of visual acuity and definition of visual field borders	1
Optical vision correction using trial eyeglass lenses	2
Tonometry	2
Description of the crystalline lens, anterior chamber, and ocular medias (translucency)	2
Fundoscopy	2
Assessment of intraocular pressure by palpation	1
Assessment of color vision using tables	2
3.3. MANIPULATIONS USED IN OBSTETRICS AND GYNECOLOGY	
Examination of the cervix with mirrors	2
Two-handed vaginal and rectovaginal examination	2
Diagnostics of pregnancy	2
Management of physiological childbirth	2
Assessment of the afterbirth state	2
Manual examination of the postnatal uterus and combined manual massage of the uterus (on a moulage)	2
Probing of the uterine cavity (on a moulage)	2
Puncture of the abdominal cavity through the posterior arch (on a moulage)	2
Taking swabs for flora from the vagina, cervical canal and urethra	2
Taking smears for oncocytology	2
Opening the bartholin gland abscess (on a moulage)	2
Introduction of an intrauterine spiral (on a moulage)	2

3.4.MANIPULATIONS FOR EMERGENCY CARE

Assessment of fetal heartbeat during pregnancy	1
Cardiopulmonary resuscitation - indirect heart massage, “mouth-to-mouth” artificial respiration, “mouth-to-nose” (on a moulage)	1
Defibrillation (on a moulage)	1
Examination and first aid for external injuries (wounds, bleeding, burns, sprains, dislocations, fractures)	1
Transportation of a patient with a trauma	1
Stopping bleeding (compression, applying a tight bandage, applying a tourniquet)	1
Methods of cleaning the upper respiratory tract, aspiration of mucus from the upper respiratory tract	1
Tracheo- or conicotomy, tracheostomy	2
Use of a children's oxygen tent	2
Primary resuscitation of a newborn	2
Basic cardiopulmonary resuscitation of children	2